

Abstract

**COMMUNICATION UNIT AND METHOD FOR CONTROLLING SOFTWARE OR
DATA DOWNLOAD TO SUBSCRIBER EQUIPMENT**

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A method (200, 300) of downloading software to a software
definable radio (SDR) (105) includes the steps of
determining (305) one or more configuration profile
change(s), based on a service required by, or a location
10 of, or an available network to, said SDR (105) and/or a
SDR user profile and/or terminal profile. Software is
downloaded (320, 340) to an intermediate communication
unit, in response to the determination, which then re-
configures the SDR (105). A communication unit (120) and
15 a distributed software definable radio re-configuration
management mechanism are also described.

In this manner, an improved mechanism for software
download is provided, whereby functionality of the SDR is
20 placed in a personal radio assistance device.
Furthermore, the user is provided with improved options
in the download process.

(FIG. 1 to accompany abstract)